



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Tiecheng A. Qiao, et al

SUBSTRATE FOR PROTEIN
MICROARRAY CONTAINING
FUNCTIONALIZED POLYMER

Serial No. 10/091,644

Filed March 6, 2002

Commissioner for Patents
Washington, D.C. 20231

Group Art Unit: 1762

Examiner: To be assigned

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Frieda DasFaiss
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Date *June 11, 2002*

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Sir:

INFORMATION DISCLOSURE STATEMENT FOR CONSIDERATION
BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form PTO-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. Unless otherwise indicated, a full text copy of each document is attached. For documents not in English, an English translation or an equivalent English language patent or publication may be attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement (hereinafter "Statement") is submitted according to the following selected paragraph:

- I. ☒ This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the mailing of a first Office action on the merits or before the mailing of a first Office action after the filing of a request for continued examination.
- II. ☐ This Statement is being filed under §1.97(c), with fee, **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account Number 05-0225. A duplicate copy of this Certification is enclosed.

III. ☐ This Statement is being filed under § 1.97(c), with a certification under, § 1.97(e) **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. The undersigned hereby states that (check one):

☐ each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under § 1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this Statement.

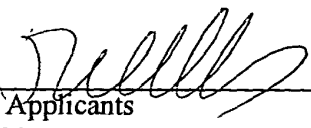
IV. ☐ This Statement is being filed under § 1.97(d), with fee and certification under § 1.97(e), on or after the mailing date of either a final action, a notice of allowance (but prior to payment of the issue fee) or an action that otherwise closes prosecution in the application. Please charge the fee required by § 1.17(p) to Eastman Kodak Company Deposit Order Account No. 05-0225. A duplicate copy of this Certification is enclosed. The undersigned hereby states that (check one):

☐ each item of information in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under § 1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,

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Enclosures



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Registration No. 34,278

FORM PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket No. 83598D-W Customer No. 01333		Serial No. 10/091,644	
If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)		Applicant: Tiecheng A. Qiao, et al		<div style="font-size: 2em; font-weight: bold; transform: rotate(-5deg);">RECEIVED</div> <div style="font-size: 1.5em; font-weight: bold; transform: rotate(-5deg);">JUN 19 2002</div> <div style="font-size: 2em; font-weight: bold; transform: rotate(-5deg);">TC 1700</div> <div style="font-size: 0.8em; font-weight: bold; transform: rotate(-5deg);">Group 1762</div>	
		Filing Date March 6, 2002			

U.S. PATENT DOCUMENTS						
Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,161,407	7/17/79	Campbell			
	4,548,869	10/22/85	Ogawa et al.			
	5,110,833	5/5/92	Mosbach			
	5,981,734	11/9/99	Mirzabekov et al.			

FOREIGN PATENT DOCUMENTS						
Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	EP 1 106 603 A2	6/13/01	Europe			X
	WO 00/04382	1/27/00	PCT			X
	WO 00/04389	1/27/00	PCT			X
	WO 01/40312	6/7/01	PCT			X
	WO 01/40803	6/7/01	PCT			X
	WO 98/29736	7/9/98	PCT			X
	WO 95/04594	2/16/95	PCT			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
	<i>Analytical Biochemistry</i> 278, 123-131 (2000), "Protein Microchips: Use for Immunoassay and Enzymatic Reactions," by Pavel Arenkov et al.
	P.I. Rose, "The Theory of the Photographic Process," 4th edition, T.H. James Ed., pgs 51-67.
	Edgar B. Gutoff, Chapter 1 of "Modern Coating and Drying Technology," (Interfacial Engineering Series; v.1), 1992, VCH Publishers Inc. New York, N.Y.
	<i>Science</i> , Vol. 249, 505-510, 1990, "Systematic Evolution of Ligands by Exponential Enrichment: RNA Ligands to Bacteriophage T4 DNA Polymerase," Craig Tuerk and Larry Gold.
	<i>Nature</i> , Vol. 346, pp 818-822, 1990, "In vitro selection of RNA molecules that bind specific ligands," Andrew D. Ellington & Jack W. Szostak.
	Qiao et al., METHOD FOR MAKING BIOCHIP SUBSTRATE, USSN 10/020,747 (Attorney Docket No. 82429/D-W), filed 11/30/01.

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.